

# Comparisons of Job Characteristics

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Excavating and Loading Machine and Dragline Operators (53-7032)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 47

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	12.0	6.5	<< Extensive education and/or training may be required
Building and Construction	4.0	10.7	2.6	<< Extensive education and/or training may be required
Public Safety and Security	6.9	9.1	10.4	> Current knowledge level is likely sufficient
Production and Processing	6.0	8.4	3.8	<< Extensive education and/or training may be required
Transportation	4.6	7.4	16.1	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 92

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.2	13.1	0 Current skill level may be sufficient
Operation Monitoring	6.6	11.4	9.9	< A higher skill level may be required
Troubleshooting	4.5	8.3	7.0	< A higher skill level may be required
Repairing	3.4	8.2	6.9	< A higher skill level may be required
Equipment Maintenance	3.5	8.0	7.3	0 Current skill level may be sufficient
Equipment Selection	3.3	6.7	3.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 90			
Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032) Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	15.6	13.1	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	15.6	12.7	<	Some improvement in abilities may be required
Depth Perception	5.3	14.4	11.4	<	Some improvement in abilities may be required
Reaction Time	4.8	13.4	12.3	0	Current ability level may be sufficient
Response Orientation	4.0	13.0	12.1	0	Current ability level may be sufficient
Far Vision	7.8	12.9	12.3	0	Current ability level may be sufficient
Auditory Attention	5.9	12.6	8.2	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	11.4	10.2	<	Some improvement in abilities may be required
Peripheral Vision	2.2	9.8	9.0	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	9.6	6.9	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	7.6	7.7	0	Current ability level may be sufficient
Night Vision	2.1	6.5	8.9	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 57	
Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032) Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)			
Work Activities		Exclusivity of Activity	
Direct and coordinate activities of workers or staff		3	
Load, unload, or stack containers, materials, or products		37	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 67

**Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)**

**Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)**

Tools and Technologies	Exclusivity
Computers	1
Earth moving machinery	11
Heavy equipment components	21
Lifting equipment and accessories	3
Product and material trailers	24
Product and material transport vehicles	13

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.